

U.S. ENVIRONMENTAL PROTECTION AGENCY
 POLLUTION/SITUATION REPORT
 BP Whiting Crude Release - Removal Polrep
 Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region V

Subject: POLREP #6
 Final EPA Polrep
 BP Whiting Crude Release

Whiting, IN
 Latitude: 41.6763040 Longitude: -87.4757741

To:

From: Mike Beslow, OSC
 Steve Faryan, OSC

Date: 4/10/2014

Reporting Period: 3/30/2014 to 4/09/2014

1. Introduction

1.1 Background

Site Number:	z5nb	Contract Number:	
D.O. Number:		Action Memo Date:	
Response Authority:	OPA	Response Type:	Emergency
Response Lead:	PRP	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	3/24/2014	Start Date:	3/24/2014
Demob Date:	4/9/2014	Completion Date:	4/9/2014
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:	E14512	Reimbursable Account #:	

1.1.1 Incident Category

Response to Oil Release at the BP Whiting Refinery

1.1.2 Site Description

The BP Whiting Refinery is located along the shore of Lake Michigan in Whiting, Indiana. Crude oil was released from a NPDES permitted outfall to Lake Michigan from the BP Whiting Refinery waste water treatment plant (WWTP). The source of the crude oil has been determined to have originated from the #12 pipestill cooling system which is located on the facility, south of the rail tracks that separate the refinery from the WWTP.

1.1.2.1 Location

BP Whiting Refinery
 2815 Indianapolis Blvd
 Whiting, IN 46394

1.1.2.2 Description of Threat

Crude oil discharge to Lake Michigan from the BP Whiting Refinery in Whiting, Indiana. Standing oil sheen in the #6 separator, as the separator continually discharges water directly to lake michigan.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Result

BP reported the release of crude oil to US EPA via the National Response Center at approximately 1700 hours on March 24, 2014.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

On April 9, 2014 EPA formally honored USCG's request for control of FPN for this site.

Prior to April 9, activities were as follows:

US EPA along with USCG monitored and conducted oversight of BP remediation activities and changing shoreline conditions. BP continued to monitor and remove oil and sheen from the #6 oil-water separator in addition to conducting shoreline cleanup activities. Multi agency (EPA and USCG) along with BP consultants comprised the shoreline cleanup and assessment technique (SCAT) teams and conducted a submerged oil survey to evaluate the presence or absence of submerged oil adjacent to outfall #2 and the remaining survey area. EPA and SCAT teams continued to monitor effectiveness of cleanup activities and conducted reconnaissance surveys to evaluate present site conditions and make recommendations, cleanup guidelines, and endpoint goals.

2.1.2 Response Actions to Date

The following activities occurred during this reporting period:

- BP contractors continued to maintain hard and soft boom positioned immediately adjacent to BP outfall #002 and due to inclement weather, water conditions and recommendations by EPA, USCG and BP consultant, teams have multiple sections of absorbent and boom #1 that crossed entire cove parallel to beach front;
- Shoreline cleanup personnel continued to survey beachfront and shorelines. When identified they have conducted manual collection of any remaining tar patties, tar balls, oil impacted debris, oil-impacted sand and oil stained or oil coated small rocks (when accessible and based on tidal and weather conditions) as recommended by EPA, USCG and BP consultant SCAT team;
- Vacuum trucks are staged at the impacted #6 oil water separator and conduct oil and sheen removal activities;
- SCAT team completed survey assessment along segments 'D', 'E' and 'F' on March 30, 2014;
- EPA completed a submerged oil survey with BP consultants and representatives on March 30, 2014. A total of 35 survey points were evaluated for the absence or presence of oil and/or sheen. Results of the survey concluded that no oil or sheen was identified;
- EPA and USCG conducted sampling activities of tar patties within segment 'F' (eastern impacted shoreline);
- EPA and START conducted sampling activities of Outfall 002 and impacted boom (currently staged on site) on March 31, 2014.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

BP has been issued a Federal Notice of Interest.

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
Oil Water Mixture from lake					

		862-883 Barrels			
Oil Water Mixture from #6 Seperator		6335 barrels			
Oiled Solids		134 cubic yds			

2.2 Planning Section

2.2.1 Anticipated Activities

BP incident management team continues to reduce personnel as current site conditions have stabilized and focus shifts from immediate response to cleanup on impacted #6 oil-water separator. BP crews will continue daily monitoring and cleanup activities along beach front and adjacent shorelines (weather and tidal conditions appropriate).

2.2.1.1 Planned Response Activities

BP crews will continue to skim the oil and sheen from the #6 oil water separator, and will continue to make regular reconnaissance walks of the shore.

2.2.1.2 Next Steps

USCG will oversee all nexts steps, and EPA will participate as requested

2.2.2 Issues

Boom deployed around #002 outfall will be continued to be monitored on a daily basis until #6 oil-water separator has been inspected by EPA or USCG and they have confirmed absence of oil and sheen.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

2.4.1 Narrative

FPN E14512 Whiting Refinery has been opened with the USCG NPFC for \$25,000. The ceiling was increased on March 26, 2014 to \$50,000.

START TDD was increased to \$30,000 on 3/26/2014.

2.5 Other Command Staff

2.5.1 Safety Officer

Safety is being staffed by BP Whiting Refinery

2.5.2 Liaison Officer

Liason is being staffed by BP Whiting Refinery

2.5.3 Information Officer

Francisco Arcaute was on site 3-29-14, 3-30-14, and 3-31-14 reporting to the USEPA Regional Office and is working with representatives from the USCG and BP.

3. Participating Entities

3.1 Unified Command

USEPA, USCG, and BP

3.2 Cooperating Agencies

IDEM, City of Whiting, City of Hammond, City of East Chicago,

4. Personnel On Site

US EPA representatives

USCG representatives

Weston START contractor
BP personell and contractors

5. Definition of Terms

OTCW: Once Through Cooling Water

6. Additional sources of information

6.1 Internet location of additional information/report

<http://www.epa.gov/region5/newsevents/bp-whiting-spill/index.html>

6.2 Reporting Schedule

Remaining POLREPS will be issued by USCG.

7. Situational Reference Materials

This is an Integrated River Assessment. The numbers should overlap.	Miles of river systems cleaned and/or restored	0
	Cubic yards of contaminated sediments removed and/or capped	0
	Gallons of oil/water recovered	302,600
	Acres of soil/sediment cleaned up in floodplains and riverbanks	1
Stand Alone Assessment	Acres Protected	1
	Number of contaminated residential yards cleaned up	0
	Human Health Exposures Avoided	unknown
	Number of workers on site	90
Contaminant(s) of Concern		
Contaminant(s) of Concern	crude oil	